

# Umar Khan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1066607/publications.pdf>

Version: 2024-02-01

9  
papers

134  
citations

1683354

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h-index

1473754

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

207  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Light scattering spectroscopy identifies the malignant potential of pancreatic cysts during endoscopy. Nature Biomedical Engineering, 2017, 1, .  | 11.6 | 37        |
| 2 | Picoanalysis of Drugs in Biofluids with Quantitative Label-Free Surface-Enhanced Raman Spectroscopy. Small, 2018, 14, e1802392.   | 5.2  | 29        |
| 3 | Multispectral light scattering endoscopic imaging of esophageal precancer. Light: Science and Applications, 2018, 7, 17174-17174.   | 7.7  | 26        |
| 4 | Spectroscopic label-free microscopy of changes in live cell chromatin and biochemical composition in transplantable organoids. Science Advances, 2021, 7, .   | 4.7  | 21        |
| 5 | Multispectral Endoscopy With Light Gating for Early Cancer Detection. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-9.  | 1.9  | 9         |
| 6 | Two-photon polymerization nanofabrication of ultracompact light scattering spectroscopic probe for detection of pre-cancer in pancreatic cyst. Optics and Lasers in Engineering, 2021, 142, 106616. | 2.0  | 5         |
| 7 | Picoanalysis: Picoanalysis of Drugs in Biofluids with Quantitative Label-Free Surface-Enhanced Raman Spectroscopy (Small 47/2018). Small, 2018, 14, 1870227.  | 5.2  | 3         |
| 8 | Coherent Confocal Light Scattering Spectroscopic Microscopy Evaluates Cancer Progression and Aggressiveness in Live Cells and Tissue. ACS Photonics, 2021, 8, 2050-2059.                            | 3.2  | 3         |
| 9 | Rapid detection and identification of bacteria directly from whole blood with light scattering spectroscopy based biosensor. Sensors and Actuators B: Chemical, 2021, 346, 130489.                  | 4.0  | 1         |